

CBCS Scheme

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16SCN421

Fourth Semester M.Tech. Degree Examination, June/July 2018 Service Oriented Architecture

Time: 3 hrs.

Max. Marks: 80

Note: Answer FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 a. List and explain the types of IT architecture. (08 Marks)
b. Explain Strawmann architecture for enterprise wide SOA. (08 Marks)

OR

- 2 a. Briefly explain different levels of solution architecture for enterprise application. (08 Marks)
b. Explain the packaged application platform. (04 Marks)
c. Explain the •NET Microsoft application platform. (04 Marks)

Module-2

- 3 a. Explain the design process of data, client and business process services. (08 Marks)
b. Explain the SOAP and WSDL. (08 Marks)

OR

- 4 a. List and explain the state holders objectives. (08 Marks)
b. Explain the benefits of SOA. (08 Marks)

Module-3

- 5 a. What is SOA governance? Explain strategic architecture. (08 Marks)
b. Explain the event driven architecture. (08 Marks)

OR

- 6 a. Explain the software as a service. (08 Marks)
b. Explain the best practice for SOA development. (08 Marks)

Module-4

- 7 a. Explain with diagram the RESTful service with JSW. (08 Marks)
b. Explain the Java/XML mapping in SOA. (08 Marks)

OR

- 8 a. Explain the role of WSDL in SOA. (08 Marks)
b. Give an overview of the JAXB Data Binding. (08 Marks)

Module-5

- 9 a. Explain the JAX -- WS server side development. (08 Marks)
b. Explain the process of packaging and development of SOA component. (08 Marks)

OR

- 10 a. Briefly explain the SOA shopper SOAP services. (08 Marks)
b. Briefly describe the WSDL centric java WS with SOA – J architecture. (08 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

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